Form PTC	D-139	90	U.S. DEPARTMEN	NT OF COMMERCE PATENT AND TRADEMARK	ATTORNEY'S DOCKET NUMBER								
			MITTAL LETTER T	GC836-US									
			GNATED/ELECTED	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)									
	<u> </u>)NC	ERNING A FILING	[Unassigned] 91852									
			APPLICATION NO. 5/011821	INTERNATIONAL FILING DATE 07 April 2005	PRIORITY DATE CLAIMED 09 April 2004								
FUI,	0	1200	5/011021	(07.04.2005)	(09.04.2004)								
TITLE OF THE INVENTION PCKA Modifications and Enhanced Protein Expression in Bacillus													
APPLICANT(S) FOR DOE/EO/US													
WEYLER, Walter, 252 Theresa Street, San Francisco, CA 94112, U.S.A.													
HSU, Amy Kuang-Hua, 528 Keelson Circle, Redwood City, CA 94065, U.S.A.													
Applicant herewith submits to the United States Designated/Elected Office (do/eo/us) the following items and other information:													
			: FIRST submission of	C'	0.074								
2.		This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22											
4. [and	39(I).	•									
		clain	A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. A copy of the International Application as filed (35 U.S.C. 371(c)(2))										
-		a. b.		with (required only if not transmitted by ted by the International Bureau.	the International Bureau).								
		о. С.		the application was filed in the United St	tates Receiving Office (RO/US).								
6. [7. [A translation of the International Application into English (35 U.S.C. 371(c)(2)). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))										
		a. b.		rewith (required only if not transmitted by	y the International Bureau).								
		c. d.	 ☐ have been transmitted by the International Bureau. ☐ have not been made; however, the time limit for making such amendments has NOT expired. ☐ have not been made and will not be made 										
8. [_			nts to the claims under PCT Article 19 (3	35 U.S.C. 371(c)(3)).								
		A tra	eath or declaration of the in anslation of the annexes to C. 371(c)(5)).	nventor/s (35 U.S.C. 371(c)(4)). o the International Preliminary Examinati	ion Report under PCT Article 36 (35								
Items	11	to 20	below concern docume	ent/s or information included:									
11. [12. [tement under 37 CFR 1.97 and 1.98. recording. A separate cover sheet in con	mpliance with 37 CFR 3 28 and 3 31 is								
	_	inclu		ecoluling. A separate cover sheet in con	inpliance with or of N 3.20 and 3.31 is								
14.		An A	Application Data Sheet und	der 37 CFR 1.76									
16.		A ch		and/or change of address letter.	Oulo 12tor 2 and 27 CER 1 621 1 925								
18.	8. A second copy of the published international Application under 35 USC 154(4)(4)												
19. [20. [er items of information:	anguage translation of the intrappint u	11401 00 000 104(4)(4)								
			.										

IAP12 Rec'd PCT/PTO 0 5 SEP 2006

The following fees are submitted: 21.	U.S. APPLI	ATION	591	852	PCT/US2005/0118			ATTORNEY'S DOCKET NUMBER GC836-US				
22. Sear-instalion fee If International Prelim Examination Report prepared by USPTO and all dishare satisfy provision of PUSPTO and all other situations are included as a not instrustional Searching Application Search Report prepared and provided To the Office International Search Report prepared and provided To the Office International Search Report prepared and provided To the Office International Search Report prepared and provided Search Report prepared and provided To the Office International Search Report prepared and provided Search Report prepared and provided To the Office International Search Report prepared and provided Search Report prepared and provided To the Office International Search Report prepared and provided Search Report prepared and provided Search Report Total Charles Search Report prepared and provided Search Report Prepared Sear	01145015	<u>,</u>			1.1-5-12-2-2-3-1-1		CALCULATIONS	PTO USE ONLY				
22. Seximination fee If International Prolim Examination Report prepared by USPTO and all claims satisty provision of All other situations. 23. Search fee Search fee this been paid on the International Application or to the USPTO as an International Searching Authority \$ 100 International Search Report prepared and provided To the USPTO as an International Searching Authority \$ 100 International Search Report prepared and provided To the Office or as an International Searching Authority \$ 100 International Search Report prepared and provided To the Office or an International Searching Authority \$ 100 TOTAL of 21, 22 and 23 Additional fee for specification and drawings filed in paper over 100 sheets (excluding see listing or computer program listing. The fee is \$250 for each additional 50 sheets of paper or Fraction thereof (round up to whole number) 122 - 100 = 22/50 = 1		The	following	g fees are								
If International Prelim Examination Report prepared by USPTO and all claims satisfy provision of PCT Article 33(1)-(4), examination fee will be walved After Statutors and their situations. 3	21. 🖾	Basic National Fee . \$ 30				. \$ 300	\$ 300					
Search fee Search fee Search fee has been paid on the International Application To the USPTO as an International Searching Authority \$ 100 International Search Report prepared and provided To the Office All other situations \$ 400 \$ 900 Additional fee for specification and drawings filed in paper over 100 sheets (excluding seq listing or computer program listing. The fee is \$250 for each additional 50 sheets of paper or Fraction thereof Total sheets Extra Sheets Number of each additional Rate \$ 900 \$ 900 Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest daimed priority date (37 OFR 1.492(4)). \$ \$ 250 \$ 250 Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest daimed priority date (37 OFR 1.492(4)). \$ \$ 250 \$ 25		If Into by U PCT	ernational Pr SPTO and a Article 33(1)	ill claims sati)-(4), examin	sfy provision of	\$ 200						
Additional fee for specification and drawings filed in paper over 100 sheets (excluding seq listing or computer program listing. The files is \$250 for each additional 50 sheets of paper or Fraction thereof 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof fround up to whole number 50 or fraction thereof 50 or funds from the earliest claimed priority date (37 CFR 1.492(4)). \$ CLAIMS NUMBER FILED NUMBER EXTRA RATE 50 or 5	23. 🔼		Search fee To the USF Internationa To the Offic All other sit	PTO as an In al Search Re ce tuations	ternational Searching Author							
Total sheets Extra Sheets Number of each additional 50 sheets of paper or Fraction thereof Total sheets Extra Sheets Number of each additional Rate 50 or fraction thereof (round up to whole number 122-100 = 22/50 = 1 x \$250 \$250 Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(4)). \$ CLAIMS NUMBER FILED NUMBER EXTRA RATE Total Claims 85 - 20 = 65 x \$50.00 \$3,250 Independent 11 - 3 = 8 x \$200.00 \$1,600 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$ SUBTOTAL = \$5,100 Processing fee of \$130 for furnishing the English translation later than 20 30 0 \$ mornths from the earliest claimed priority date (37 CFR 1.492(f)). + \$ TOTAL NATIONAL FEE = \$ Fee for recording the enclosed assignment (37 CFR 1.492(f)). + \$ TOTAL FEES ENCLOSED = \$6,000 **TOTAL FEES ENCLOSED = \$6,000 **TOTAL FEES ENCLOSED = \$6,000 **A check in the amount of \$ to cover the above fees is enclosed. ** A check in the amount of \$ to cover the above fees is enclosed. ** **Please charge my Deposit Account No. 07-1048 in the amount of \$6,000 to cover the above fees. A duplicate copy of this sheet is enclosed. ** **Depart Total Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1048. A duplicate copy of this sheet is enclosed. ** **NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. **SEND ALL CORRESPONDENCE TO.** **Kamrin T. MacKnight** **Kamrin T. MacKnight** **Ceineling T. MacKn		TOT	AL of 21. 22	\$ 900								
Surcharge of \$130 for furnishing the eath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(4)). CLAIMS NUMBER FILED NUMBER EXTRA RATE Total Claims 85 -20 = 65 x \$50.00 \$3,250 Independent claims 11 - 3 = 8 x \$200.00 \$1,600 MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 \$ SUBTOTAL = \$5,100 Processing fee of \$130 for furnishing the English translation later than 20 20 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$ TOTAL NATIONAL FEE \$ Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property TOTAL FEES ENCLOSED = \$6,000 Amount to be refunded: \$ charged: \$ 1 A check in the amount of \$ to cover the above fees is enclosed. D. Please charge my Deposit Account No. 07-1048 in the amount of \$6,000 to cover the above fees. A duplicate copy of this sheet is enclosed. C. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1048. A duplicate copy of this sheet is enclosed. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. SEND ALL CORRESPONDENCE TO: Kamrin T. MacKnight GENENCOR INTERNATIONAL, INC. 225 PAGE MILL ROAD PALO ALTO, CALIFORNIA 94304-1013 Kamrin T. MacKnight GENENCOR INTERNATIONAL, INC. 225 PAGE MILL ROAD PALO ALTO, CALIFORNIA 94304-1013 Kamrin T. MacKnight GENENCOR INTERNATIONAL, INC. 225 PAGE MILL ROAD PALO ALTO, CALIFORNIA 94304-1013	100 sheets (excluding seq listing or computer program listing. The fee is \$250 for each additional 50 sheets of paper or Fraction thereof Total sheets Extra Sheets Number of each additional Rate 50 or fraction thereof											
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925 PAGE MILL ROAD PALO ALTO, CALIFORNIA 94304-1013 Kamrin T. MacKnight (printed name)	SEND ALL C	ORRESPO	ONDENCE TO:									
(printed name) Tel. 650-846-5838	925 PAGE MILL ROAD											
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10/591852 IAP12 Rec'd PCT/PT0 0 5 SEP 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

In re Patent Application of

Weyler et al.

US Serial No. [please provide]

Based on PCT/US2005/011821, filed 07.04.2005

For:

PCKA Modifications and Enhanced Protein Expression in Bacillus

TRANSMITTAL
OF PATENT APPLICATION
UNDER 35 USC 371

EV514828325US

I hereby certify that this paper and attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated hereunder and is addressed to the *Mail Stop PCT*, Commissioner of Patents, PO Box 1450, Alexandria, VA. 22313-1450

Date: 5 September 2006

By: Caral A.S

Mail Stop PCT

Honorable Commissioner of Patents PO Box 1450 Alexandria, VA. 22313-1450

Dear Sir:

Attached, for entering the national phase of International Patent Application PCT/US2005/011821, are the following documents:

- 1. Form PTO 1390 Transmittal Letter to the US DO/EO/US Concerning a Filing under 35 USC 371;
 - International Patent Publication WO 2006/033668

Respectfully submitted,

GENENCOR INTERNATIONAL, INC.

Date: 5 September 2006

By: Januar II

Kamrin T. MacKnight Reg. No. 38,230

925 Page Mill Road

Palo Alto, California 94304-1013

650-846-5838